







Focus Occupation: Hydrologists (19-2043)

Focus occupation: Hydrologists	
Employment and Growth	48/ 4.3%
Ave. Monthly Wage	\$6,763
Education/Experience	Master's degree

Advance FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Physical Scientists, All Other (19-2099)	3	79/ 19.7%	BA	85
Geoscientists, Except Hydrologists and Geographers (19-2042)	2	514/ 7.5%	BA	98
Atmospheric and Space Scientists (19-2021)	1	99/ 0.0%	BA	100
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary (25-1051)	1	74/ 10.4%	PHD	81
Environmental Engineers  (17-2081)	1	308/ 8.8%	BA	90
Mining and Geological Engineers, Including Mining Safety Engineers (17-2151)	1	163/ 15.6%	BA	77

Transfer TO and FROM Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Agricultural Engineers (17-2021)	0	n/a	BA	84

Advance TO Focus Occupation				
Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Chemists  (19-2031)	-1	91/ 7.1%	BA	80
Environmental Scientists and Specialists, Including Health  (19-2041)	-1	961/ 6.9%	BA	98
Geographers (19-3092)	-1	n/a	BA	84
Conservation Scientists  (19-1031)	-2	372/ 4.8%	BA	79
Environmental Engineering Technicians (17-3025) 	-3	263/ 11.0%	AA	76
Environmental Science and Protection Technicians, Including Health  (19-4091)	-3	333/ 6.1%	AA	86

Important note: A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.